L Number	Hits	Search Text	DB	Time stamp
1	43	(US-4782035-$ or US-4811353-$ or US-4599728-$ or US-5347533-$ or US-5539766-$ or US-5617436-$ or US-6608855-$ or US-5274660-$ or US-4665528-$ or US-4775980-$ or US-4746192-$ or US-4752933-$ or US-4873691-$ or US-4977569-$ or US-5077752-$ or US-5214662-$ or US-5448585-$ or US-5753933-$ or US-6411642-$ or US-6516017-$ or US-5952673-$ or US-6638773-$ or US-4178604-$ or US-4803690-$ or US-5305343-$ or US-5654583-$).did. or (US-20030132431-$ or US-20020037024-$ or US-20030042479-$ or US-20040042516-$ or US-20030185256-$ or US-20020071462-$ or US-20030152126-$ or US-20030132451-$ or US-20030170924-$ or US-20020105992-$ or US-20020131466-$).did. or (JP-2002158398-$ or JP-61179525-$ or JP-62098788-$ or JP-02280394-$).did. or (JP-11054837-$ or EP-1202410-$).did.	USPAT; US-PGPUB; JPO; DERWENT	2004/10/20 13:58
2	29	((US-4782035-$ or US-4811353-$ or US-4599728-$ or US-5347533-$ or US-5539766-$ or US-5617436-$ or US-6608855-$ or US-5274660-$ or US-4665528-$ or US-4775980-$ or US-4746192-$ or US-4752933-$ or US-4873691-$ or US-4977569-$ or US-5077752-$ or US-5214662-$ or US-5448585-$ or US-5753933-$ or US-6411642-$ or US-6516017-$ or US-5952673-$ or US-6638773-$ or US-4178604-$ or US-4803690-$ or US-5305343-$ or US-5654583-$).did. or (US-20030132431-$ or US-20020037024-$ or US-20030042479-$ or US-20040042516-$ or US-20030185256-$ or US-20020071462-$ or US-20030152126-$ or US-20030132451-$ or US-20030170924-$ or US-20020105992-$ or US-20020131466-$).did. or (JP-2002158398-$ or JP-61179525-$ or JP-62098788-$ or JP-02280394-$).did. or (JP-11054837-$ or EP-1202410-$).did.) and grating	USPAT; US-PGPUB	2004/10/20 14:01
3	14	(((US-4782035-$ or US-4811353-$ or US-4599728-$ or US-5347533-$ or US-5539766-$ or US-5617436-$ or US-6608855-$ or US-5274660-$ or US-4665528-$ or US-4775980-$ or US-4746192-$ or US-4752933-$ or US-4873691-$ or US-4977569-$ or US-5077752-$ or US-5214662-$ or US-5448585-$ or US-5753933-$ or US-6411642-$ or US-6516017-$ or US-5952673-$ or US-6638773-$ or US-4178604-$ or US-4803690-$ or US-5305343-$ or US-5654583-$).did. or (US-20030132431-$ or US-20020037024-$ or US-20030042479-$ or US-20040042516-$ or US-20030185256-$ or US-20020071462-$ or US-20030152126-$ or US-20030132451-$ or US-20030170924-$ or US-20020105992-$ or US-20020131466-$).did. or (JP-2002158398-$ or JP-61179525-$ or JP-62098788-$ or JP-02280394-$).did. or (JP-11054837-$ or EP-1202410-$).did.) and grating) and MQW	USPAT; US-PGPUB	2004/10/20 14:03
4	2	((((US-4782035-$ or US-4811353-$ or US-4599728-$ or US-5347533-$ or US-5539766-$ or US-5617436-$ or US-6608855-$ or US-5274660-$ or US-4665528-$ or US-4775980-$ or US-4746192-$ or US-4752933-$ or US-4873691-$ or US-4977569-$ or US-5077752-$ or US-5214662-$ or US-5448585-$ or US-5753933-$ or US-6411642-$ or US-6516017-$ or US-5952673-$ or US-6638773-$ or US-4178604-$ or US-4803690-$ or US-5305343-$ or US-5654583-$).did. or (US-20030132431-$ or US-20020037024-$ or US-20030042479-$ or US-20040042516-$ or US-20030185256-$ or US-20020071462-$ or US-20030152126-$ or US-20030132451-$ or US-20030170924-$ or US-20020105992-$ or US-20020131466-$).did. or (JP-2002158398-$ or JP-61179525-$ or JP-62098788-$ or JP-02280394-$).did. or (JP-11054837-$ or EP-1202410-$).did.) and grating) and MQW) and (ALInAs or InAlAs or (aluminum adj indium indium adj aluminum) adj arsenic)	USPAT; US-PGPUB	2004/10/20 14:05
5	2	InGaAsP near4 grating near4 (concave concavity depth thickness) and @pd>20040321	USPAT; US-PGPUB	2004/10/20 15:07
6	1	606834.ap.	US-PGPUB	2004/10/20 15:07
7	0	"341668" and @pd>20040321	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:08
8	7	(("20040028100") or ("20030165169") or ("6639241") or ("20020071462") or ("20010024462") or ("6396044") or ("6563608")).PN.	USPAT; US-PGPUB	2004/10/20 15:08
9	5	HITACHI and grating near4 (concave concavity depth thickness) and @pd>20040321	USPAT; US-PGPUB	2004/10/20 15:08
10	0	Itaya with Distributed adj Feedback adj Laser and @pd>20040321	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/20 15:08
11	7	(("4178604") or ("4728168") or ("4803690") or ("4942366") or ("4977569") or ("5050949") or ("5077752")).PN.	USPAT; US-PGPUB	2004/10/20 15:09
12	3	((InGaAlAs or AlInGaAs or GaAlInAs or GaInAlAs or AlGaInAs or InAlGaAs) with quantum and grating near4 (concave concavity depth thickness)) not (InGaAsP near4 grating near4 (concave concavity depth thickness)) and @pd>20040321	USPAT; US-PGPUB	2004/10/20 15:09

13	204	(distributed adj feedback DFB) adj laser and grating and @pd>20040321	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/20 15:09
14	10	(InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum and ((distributed adj feedback DFB) adj laser and grating) and @pd>20040321	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/20 15:09
15	7	(InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum and (InGaAsP GalnAsP) with grating and @pd>20040321	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/20 15:09
16	9	((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum with active) and (dfb grating distributed adj feedback) and @pd>20040321	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/20 15:10
17	206	((((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum and grating near4 (concave concavity depth thickness)) not (InGaAsP near4 grating near4 (concave concavity depth thickness)) and @pd>20040321) ((distributed adj feedback DFB) adj laser and grating and @pd>20040321) ((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum and ((distributed adj feedback DFB) adj laser and grating) and @pd>20040321) ((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum and (InGaAsP GalnAsP) with grating and @pd>20040321) (((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum with active) and (dfb grating distributed adj feedback) and @pd>20040321)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/20 15:10
18	2	((((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum and grating near4 (concave concavity depth thickness)) not (InGaAsP near4 grating near4 (concave concavity depth thickness)) and @pd>20040321) ((distributed adj feedback DFB) adj laser and grating and @pd>20040321) ((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum and ((distributed adj feedback DFB) adj laser and grating) and @pd>20040321) ((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum and (InGaAsP GalnAsP) with grating and @pd>20040321) (((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum with active) and (dfb grating distributed adj feedback) and @pd>20040321)) not ((distributed adj feedback DFB) adj laser and grating and @pd>20040321)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/20 15:11
19	12	((((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum and grating near4 (concave concavity depth thickness)) not (InGaAsP near4 grating near4 (concave concavity depth thickness)) and @pd>20040321) ((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum and ((distributed adj feedback DFB) adj laser and grating) and @pd>20040321) ((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum and (InGaAsP GalnAsP) with grating and @pd>20040321) (((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum with active) and (dfb grating distributed adj feedback) and @pd>20040321)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/20 15:11
20	10	((((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum and grating near4 (concave concavity depth thickness)) not (InGaAsP near4 grating near4 (concave concavity depth thickness)) and @pd>20040321) ((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum and ((distributed adj feedback DFB) adj laser and grating) and @pd>20040321) ((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum and (InGaAsP GalnAsP) with grating and @pd>20040321) (((InGaAlAs or AllnGaAs or GaAllnAs or GalnAlAs or AlGalnAs or InAlGaAs) with quantum with active) and (dfb grating distributed adj feedback) and @pd>20040321)) and ((distributed adj feedback DFB) adj laser and grating and @pd>20040321)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/20 15:11
21	12	(InGaAsP GalnAsP) near3 grating near6 (indium adj phosphide InP) and @pd>20040321	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/20 15:12

23	110	laser and electro-absorption and @pd>20040321	USPAT; US-PGPUB	2004/10/20 15:13
22	3	electron adj (stop stopping) adj layer and @pd>20040321	USPAT; US-PGPUB	2004/10/20 15:15
24	1	(electron adj (stop stopping) adj layer and @pd>20040321) and grating	USPAT; US-PGPUB	2004/10/20 15:15
25	875	(((257/14,79,98,102,103) or (372/20,45,50,96,103)).CCLS. and @pd>20040321	USPAT; US-PGPUB	2004/10/20 15:32
26	496	((((257/14,79,98,102,103) or (372/20,45,50,96,103)).CCLS. and @pd>20040321) and (grating or stopping or stop or block or blocking)	USPAT; US-PGPUB	2004/10/20 15:33
27	32	((((257/14,79,98,102,103) or (372/20,45,50,96,103)).CCLS. and @pd>20040321) and (grating or stopping or stop or block or blocking) and (inAlAs or AllnAs)	USPAT; US-PGPUB	2004/10/20 15:35
28	3	((((257/14,79,98,102,103) or (372/20,45,50,96,103)).CCLS. and @pd>20040321) and grating and (stopping or stop or block or blocking) near10 (inAlAs or AllnAs)	USPAT; US-PGPUB	2004/10/20 15:36